

IN THE CLAIMS:

Please amend the claims as follows:

1 1. (Once Amended) In a lift device having a platform movable
2 between a lower position, an upper position, and a stowed
3 position, and connected to a lever arm assembly and a
4 hydraulic apparatus actuated by a pump and motor
5 assembly, the improvement comprising providing a direct
6 current (DC) electric motor with control circuitry to
7 adjust the speed of said DC electric motor and thereby
8 the speed of the platform.

1 2. (Once Amended) In the lift device of claim 1, the lever
2 arm assembly comprising at least one parallelogram
3 structure.

1 3. (Once Amended) In the lift device of claim 1, said
2 control circuitry in the pump and motor assembly being
3 selected so that the platform moves more slowly when
4 pivoting from and to the stowed position than when the
5 platform moves between the lower and upper positions.

1 4. (Once Amended) In the lift device of claim 1, the
2 platform assuming a substantially horizontal orientation
3 in the lower or upper position and pivotable to a
4 substantially vertical orientation in the stowed
5 position.

1 5. (Once Amended) In the lift device of claim 1, said
2 control circuitry including a variable resistance
3 circuit.

1 6. (Once Amended) In a lift device of the type used to raise
2 a vehicle vertically for enabling ready access to the
3 vehicle's undercarriage, said lift device comprising a
4 platform for supporting a vehicle movable from ground to
5 an elevated position and back to ground again, the
6 improvement comprising providing a direct current
7 electric motor with variable resistance control circuitry
8 for actuation of a pump and hydraulic apparatus so that
9 speed of motion of said platform is variable.

G
Add following new claims to the subject application:

1 7. (New) A lift device, comprising:
2 a platform;
3 a lever assembly coupled to said platform;
4 a hydraulic apparatus coupled to said lever assembly, an
5 actuation of said hydraulic apparatus moving said
6 platform through said lever assembly;
7 a hydraulic pump coupled to said hydraulic apparatus;
8 a direct current (DC) motor coupled to drive said
9 hydraulic pump; and
10 a control circuit coupled to said DC motor, said control
11 circuit adjusting a speed of said DC motor to
12 effectuate a variation in a speed of motion of said
13 platform through said hydraulic pump, said
14 hydraulic apparatus, and said lever assembly.

1 8. (New) The lift device of claim 7, wherein said lift
2 device is configured to function as a wheelchair lift.

1 9. (New) The lift device of claim 7, wherein said lift
2 device is configured to function as a truck tailgate
3 lift.

1 10. (New) The lift device of claim 7, wherein said lever
2 assembly comprises at least one parallelogram structure.

1 11. (New) The lift device of claim 7, wherein said lever
2 assembly is configured to move said platform between a
3 lowered position, a raised position, and a stowed
4 position.

1 12. (New) The lift device of claim 11, wherein said lever
2 assembly is configured to maintain said platform in a
3 substantially horizontal orientation at the lowered
4 position and at the raised position, and to pivot said
5 platform to a substantially vertical orientation at the
6 stowed position.

1 13. (New) The lift device of claim 12, wherein said control
2 circuit includes at least one solenoid valve configured
3 to actuate a translation motion and a pivot motion of
4 said platform through said lever assembly.

1 14. (New) The lift device of claim 12, wherein said control
2 circuit controls a speed of said DC motor so that said
3 hydraulic apparatus moves said platform at a first speed
4 between the lowered position and the raised position and
5 pivots said platform at a second speed less than the
6 first speed to and from the stowed position.

1 15. (New) The lift device of claim 7, wherein said control
2 circuit is configured to control a speed of said DC motor
3 by controlling a current flowing through said DC motor.

1 16. (New) The lift device of claim 15, wherein said control
2 circuit includes a variable resistance circuit.

1 17. (New) The lift device of claim 15, wherein said control
2 circuit includes:
3 a power supply; and
4 a variable resistance element serially coupled between
5 said power supply and said DC motor.

1 18. (New) The lift device of claim 17, wherein said variable
2 resistance element includes:
3 a first switch having a first terminal coupled to said
4 power supply and a second terminal coupled to said
5 DC motor;
6 a second switch having a first terminal coupled to said
7 power supply and a second terminal; and
8 a resistor having a first terminal coupled to said second
9 terminal of said second switch and a second
10 terminal coupled to said DC motor.

1 19. (New) The lift device of claim 18, wherein said control
2 circuit further includes:
3 a first control switch coupled to a control terminal of
4 said first switch in said variable resistance
5 element; and
6 a second control switch coupled to a control terminal of
7 said second switch in said variable resistance
8 element.

C1
1 20. (New) The lift device of claim 19, wherein:
2 an activation of said first control switch turns on said
3 first switch in said variable resistance element to
4 cause a first current through said DC motor; and
5 an activation of said second control switch turns on said
6 second switch in said variable resistance element
7 to cause a second current less than the first
8 current through said DC motor.

REMARKS

A Request for Continued Examination Under 37 CFR
§ 1.114 is hereby made.

By this amendment, claims 1-6 have been amended and new
claims 7-20 have been added to the subject application.

Claims 1-20 are currently pending in the subject application.
A marked up version of the amended claims is presented in
Appendix A attached to this Amendment and Response to Office
Action.